

Amendments to the claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (canceled)

2. (currently amended) ~~The biocompatible wound dressing of claim 1~~ A biocompatible wound dressing, comprising:

a biocompatible pad shaped to conform to a wound site;

an air-tight seal removably adhered to said pad; and

a negative pressure source in fluid communication with said pad;

wherein said biocompatible pad is comprised of an ultra-low density fused-fibrous ceramic.

3. (previously presented) The biocompatible wound dressing of claim 2 further comprising an open-cell reticulated porous foam adhered to non-wound contacting surfaces of said ceramic.

4. (previously presented) The biocompatible wound dressing of claim 3 wherein said foam is removable from said ceramic.

5. (currently amended) The biocompatible wound dressing of claim 1 ~~2~~, further comprising a flexible tube communicating between said pad and said negative pressure source.

6. (previously presented) The biocompatible wound dressing of claim 5 further comprising a removable canister in fluid communication between said pad and said negative pressure source.

7. (previously presented) A biocompatible wound dressing comprising:

an ultra-low density fused-fibrous ceramic shaped to conform to a wound site;

an air-tight seal removably adhered to said ceramic; and

a negative pressure source in fluid communication with said ceramic.

8. (previously presented) The biocompatible wound dressing of claim 7 further comprising a flexible tube communicating between said pad and said negative pressure source.

9. (previously presented) The biocompatible wound dressing of claim 8 further comprising a removable canister in fluid communication between said pad and said negative pressure source.

10. (previously presented) A biocompatible wound dressing, comprising:

a pad shaped to conform to a wound site, comprised of bioabsorbable branched polymers;

an air-tight seal removably adhered to said pad;

a negative pressure source in fluid communication with said pad.

11. (previously presented) The biocompatible wound dressing of claim 10, further comprising a flexible tube communicating between said pad and said negative pressure source.

12. (previously presented) The biocompatible wound dressing of claim 11 further comprising a removable canister in fluid communication between said pad and said negative pressure source.

13. (previously presented) A biocompatible wound dressing comprising:

a pad comprised of a cell-growth enhancing matrix, shaped to conform to a wound site;

an airtight seal removably adhered to said pad; and

a negative pressure source in fluid communication with said pad.

14. (previously presented) The biocompatible wound dressing of claim 13 further comprising a removable canister in fluid communication between said pad and said negative pressure source.

15. (previously presented) The biocompatible wound dressing of claim 14 further comprising a removable canister in fluid communication between said pad and said negative pressure source.